

W/O: <u>66015</u>		Perm. Chang							WORK ORDER CHANGES	
DATE	STEP	PROCEDURE CHANGE				By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
u/02/25	#125	touchup welding As per QCS inspector fusion welds A/R # <u>N/A</u>				<u>BE</u>	<u>11.02.26</u>	<u>4</u>		
	#126	Re QCS welding inspection				<u>BE</u>	<u>11.03.07</u> <u>11/02/28</u>	<u>4</u>		<u>S. u/02/25</u>
		ADD steps to wlv.								<u>S. u/02/25</u>

Part No: D3484-042 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Tuesday, February 01, 2011 3:50:43 PM

Item ID: D3484-042

Accept

Setup Start

Stop

Item Name: Tail Light Fairing Assembly, RH

Start Date: 2/1/2011 **Start Qty:** 10.00

Required Date: 2/7/2011 **Req'd Qty:** 10.00

Cust Item ID:

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

QC:

Date:

SPC (Y/N):

Date:

Insp.

0.00

[illegible]

QC

Memo

0.00

Quality Control

140

Chemical Conversion Coat per QSI005 4.1

0.00

00000000000000000000

HandFinish

Memo

0.00

Hand Finishing

150

QC3- Inspect Part Finish

0.00

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 66015

Tuesday, February 01, 2011 3:50:43 PM



Page 3

Item ID:	D3484-042	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Tail Light Fairing Assembly, RH					
Start Date:	2/1/2011	Start Qty:	10.00	Cust Item ID:		
Required Date:	2/7/2011	Req'd Qty:	10.00	Customer:		
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 		0.00							
Small Fab	Memo	0.00							
Small Fab	1-Install Nut Plates as per Dwg D3484								
170 	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									
180 	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
Powdercoat	Memo	0.00							
Powder Coating	START TIME: 9:00 OVEN TEMPERATURE: 320 OF FINISH TIME: 9:30								

MISSASI

11/03/01 (4)

RY RM

(4X) 11/03/02 RH

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 66015

Tuesday, February 01, 2011 3:50:43 PM



Page 4

Item ID: D3484-042

Accept



Setup Start



Revision ID:

Stop



Item Name: Tail Light Fairing Assembly, RH

Start Date: 2/1/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 2/7/2011 Req'd Qty: 10.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

190

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

4/1/11 0 11/03/02

200

0.00



Packaging

Memo

0.00

Packaging

Identify as per dwg and Stock
Location: 205
Identify on inside surface as indicated
TCCA-PDA,DART AEROSPACE LTD
P/N:D412-750-141 B/N:BXXXXX
FOR PRODUCT ELIGIBILITY SEE PDA06-13

11/3/12 50 (4)

PTO

210

QC5- Inspect part completeness to step on W/O

0.00



QC



Memo

0.00

Quality Control

8/11/03/02

14
RL

W/O: 66015		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
11.03.02	200	change -141 to 142		11.03.07		 11.03.02	

Part No: D3484-042 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 66015

Tuesday, February 01, 2011 3:50:43 PM



Page 5

Item ID: D3484-042

Accept



Setup Start



Revision ID:

Stop



Item Name: Tail Light Fairing Assembly, RH

Start Date: 2/1/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 2/7/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

220

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/03/03

U 11/03/02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, February 01, 2011 3:50:49 PM

Page 1

Work Order ID: 66015

Parent Item: D3484-042

Parent Item Name: Tail Light Fairing Assembly, RH




Start Date: 2/1/2011

Required Date: 2/7/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 06-05-23 EC
IPP Rev:B 08-01-24 change rivet for CR1122-3-025 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3484-042P 		Purchased	No			110	Each	0.0000	1	10.5			
Tail Light Fairing						B66015		(42)				03/01	
CR1122-3-02.5 		Purchased	No			160	Each	45.0000	4	40.20			
RIVET												03/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST291		34							
				114348		34			16				
				ST311		11							
				111293		7							
				113235		4							
MS21069-04 		Purchased	No			160	Each	46.0000	2	20.10			
ANCHOR NUT												03/01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST302		46							
				113064		46			8				

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

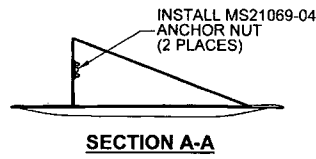
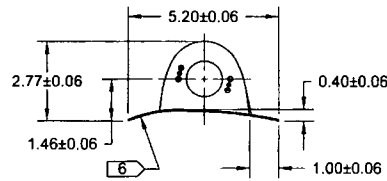
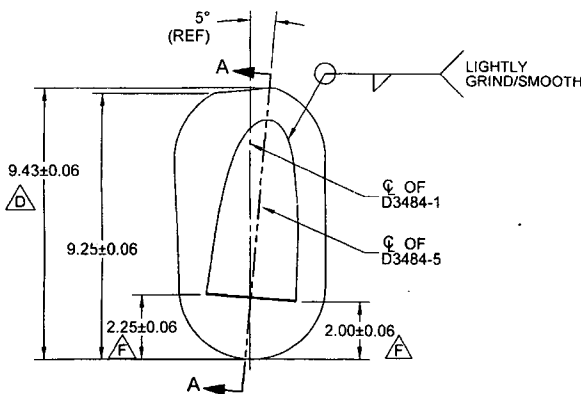
NOTE: Date & initial all entries

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

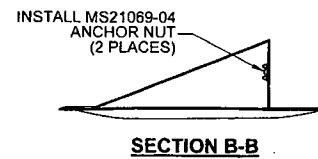
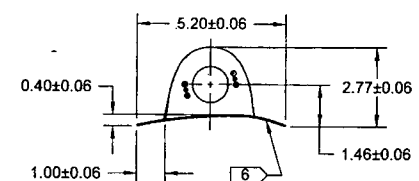
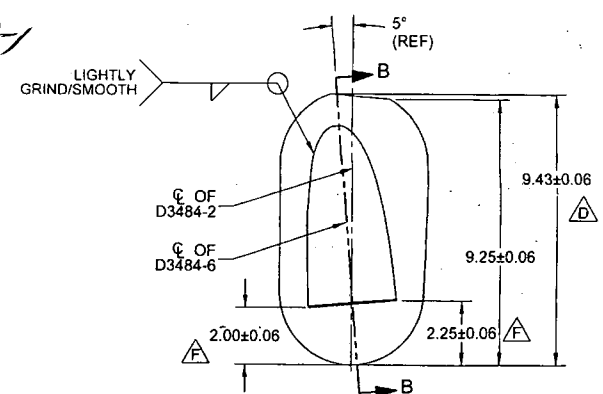
WITHOUT NOTICE
WORK ORDER

NO. 66015
2111-02-1

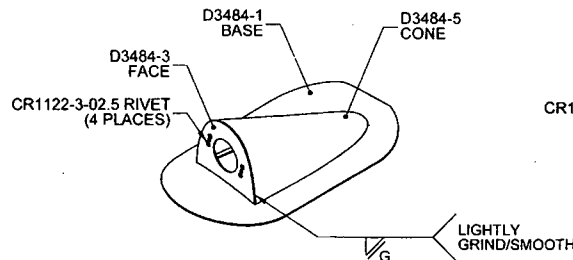
QTY -041	QTY -042	P/N	DESCRIPTION
X		D3484-041	TAIL LIGHT FAIRING ASSEMBLY (LH)
	X	D3484-042	TAIL LIGHT FAIRING ASSEMBLY (RH)
1		D3484-1	BASE (LH)
	1	D3484-2	BASE (RH)
1		D3484-3	FACE (LH)
	1	D3484-4	FACE (RH)
1		D3484-5	CONE (LH)
	1	D3484-6	CONE (RH)
4	4	CR1122-3-02.5	RIVET
2	2	MS21069-04	ANCHOR NUT



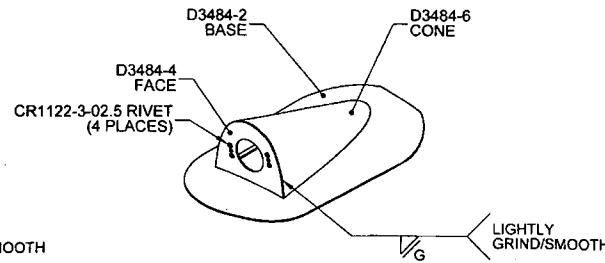
D3484-041 TAIL LIGHT FAIRING



D3484-042 TAIL LIGHT FAIRING



D3484-041 ISOMETRIC VIEW



D3484-042 ISOMETRIC VIEW

- NOTES:
1) MATERIAL: N/A
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) WELDING: PER DART QSI 004
6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE AS INDICATED WITH WHITE LABEL:
"TCCA-PDA, DART AEROSPACE LTD., P/N D412-750-141/-142 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA06-13"
7) WEIGHT: 0.30 lbs

RELEASED
9/21/2002

F	UPDATE MATERIAL SPEC, ADD 6061-0, ZN A7-2, A7-3, B3-4. UPDATE DIMENSIONS ZN C1-1, C2-1, C7-1, C8-1. UPDATE WELDING NOTE ZN A3-1, A6-1	MB	09.03.31
E	REDRAW/REFORMAT TO SHOW LH AND RH CONFIGURATIONS FOR CLARITY. CORRECT VIEWS ON SHFET 3 & 4 (WAS SHOWING MIRROR IMAGE OF PARTS). DIM 1.560 WAS 1.563 (SHEET 3, ZONE B4); CR1122-3-02.5 RIVET WAS MS20426AD3-3 RIVET	MB	08.01.03
D	CORRECT D3484-1F	MB	06.06.22
C	RE-DESIGN D3484-3F/-5F	MB	06.04.20
B	RE-DESIGN	MB	06.02.21
A	NEW ISSUE	MB	05.11.29
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.03.31		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3484** REV. F
SHEET 1 OF 4
TITLE **TAIL LIGHT FAIRING** SCALE 1:4

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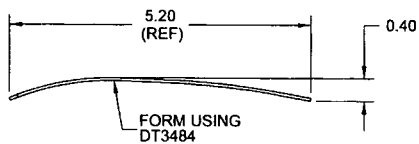
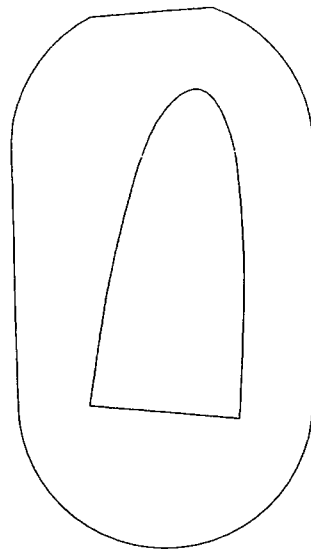
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

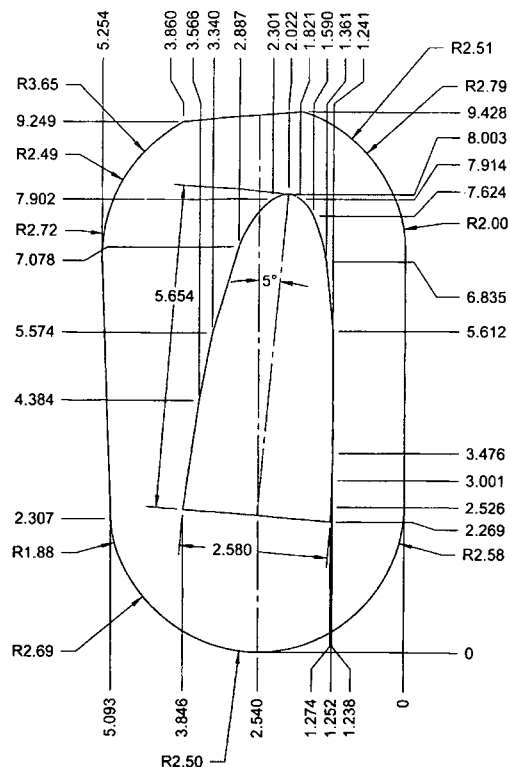
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

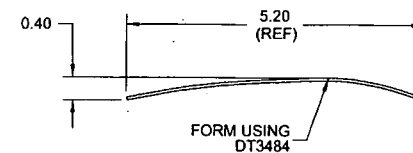
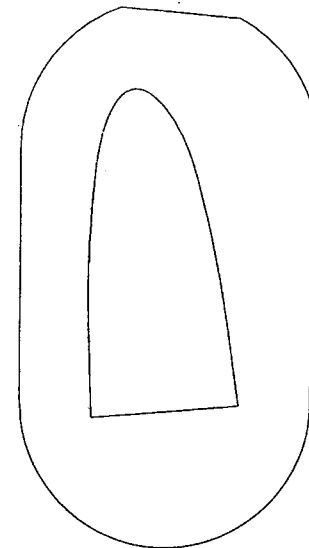


D3484-1 BASE
(MAKE FROM D3484-1F)

- NOTES:**
- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.16 lbs



D3484-1F BASE FLAT PATTERN



D3484-2 BASE
(MAKE FROM D3484-1F)

RELEASED
07/24/24

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:2
DATE	09.03.31	COPYRIGHT © 2005 BY DART AEROSPACE LTD	
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

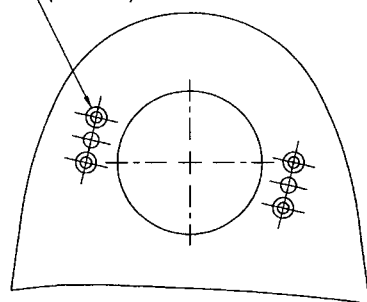
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

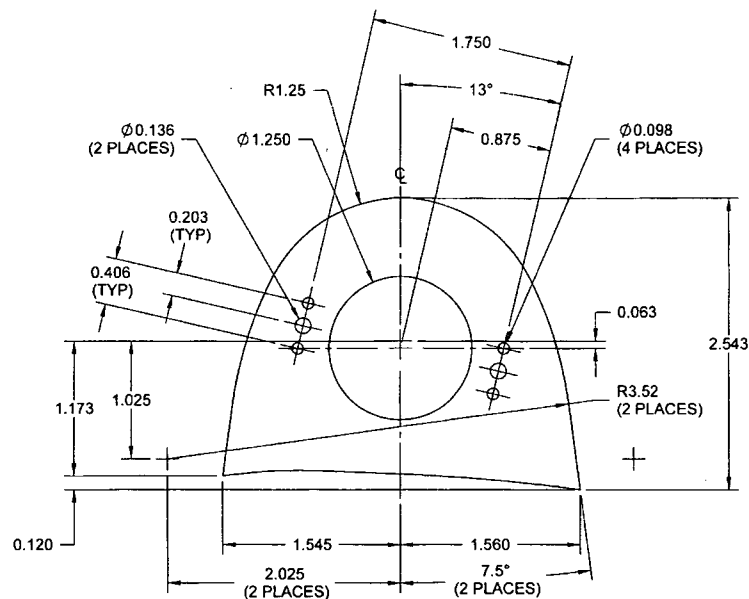
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

C'SINK
Ø0.181 X 100°
(4 PLACES)

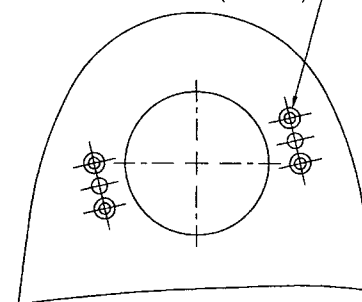


D3484-3 FACE
(MAKE FROM D3484-3F)



D3484-3F FLAT PATTERN TAIL LIGHT FAIRING

C'SINK
Ø0.181 X 100°
(4 PLACES)



D3484-4 FACE
(MAKE FROM D3484-3F)

NOTES:

- 1) MATERIAL: 6061-T6 ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs

RELEASED
09/03/31

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		TAIL LIGHT FAIRING	1:1
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

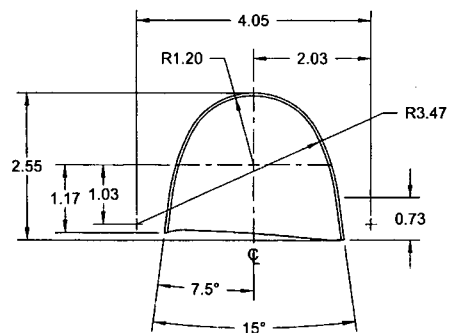
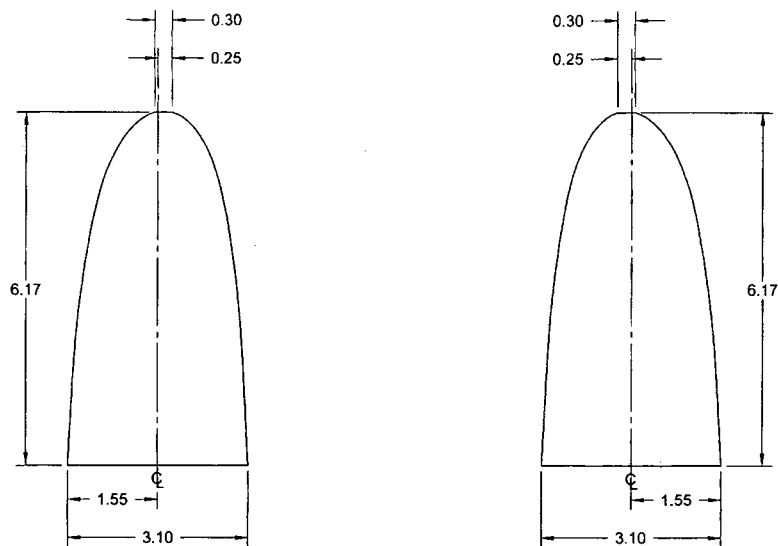
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

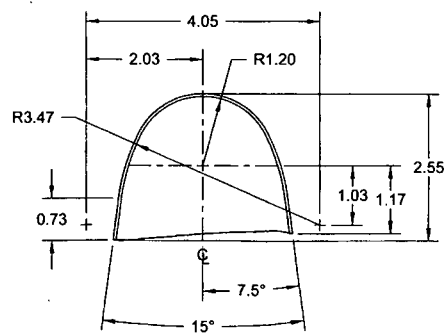
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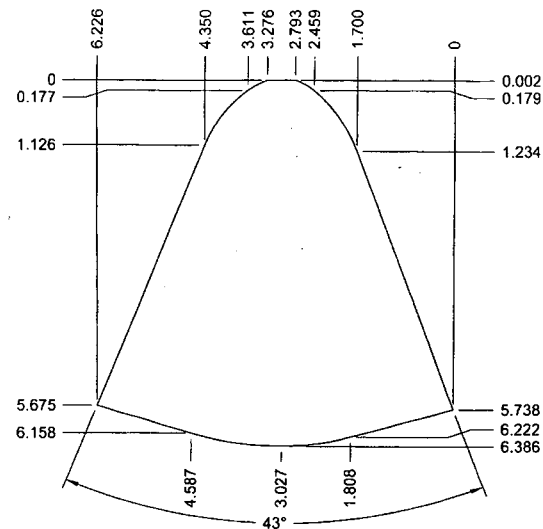
u/046015



D3484-5 CONE
(MAKE FROM D3484-5F)



D3484-6 CONE
(MAKE FROM D3484-5F)



D3484-5F CONE FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 6061-O ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR
6061-T6 (OR 6061-T62) ALUMINUM SHEET 0.050 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
(REF. DART SPEC. M6061T6S.050)
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.11 lbs

RELEASED
09/04/24

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3484	SHEET 4 OF 4
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13417

Purchase Order Date 2/02/11

PO Print Date 2/11/11

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone 514 630 4877

Vendor Fax 514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

REVISED
QTY

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3484-041P	Tail light Fairing	2/25/11 Yes	4.00 Each	FedEx PI collect	\$322.0000	\$1,288.00
		Special Inst:	AS PER DWG D3484 REV. F B66014 FORMED & WELD AS PER QSI 005 CHEMICAL CONVERSION, NUTPLATE, AND POWDER COAT TO BE DONE AT DART				
2	D3484-042P	Tail Light Fairing	2/25/11 Yes	4.00 Each	FedEx PI collect	\$322.0000	\$1,288.00
		Special Inst:	AS ABOVE B66015				
PO Total:							\$2,576.00

Change Nbr: 3

Change Date: 2/11/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON	PAGE
JR - DY	MO - MO	AN - YR	SHIPPING MEMO NO	
18	02	11	0456207	1/1

VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7



CODE DE CLIENT / CUSTOMER CODE		N° DE CONTRAT / JOB NO	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR / SHIP VIA
DART	GFI-0299	0226802	PO13417	

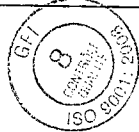
QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO	DESCRIPTION
---------------------	-----------------------	-------------

4 D3484042P

TAIL LIGHT FAIRING

CERTIFICATE OF CONFORMANCE REQ

MFG. JOB# Je226802-001 QTY 4



EXPÉDITEUR / SHIPPER	N° DE BON DE LIVRAISON / SHIPPING MEMO NO
----------------------	---

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.



CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 4 OUR JOB NO J0226802 SHIPPING MEMO 0456207

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
	<u>4 PCS</u>	<u>PO13417</u>	<u>D3484042P</u>	<u>F</u>	<u>TAIL LIGHT FAIRING</u>	<u>F</u>
MATERIAL		SUPPLIED BY			MAT. REL. NO.	
<u>AL 6061-T0</u>		<u>SAMUEL / ALCOA INC AND AMAG ROLLING</u>			<u>564405 AND 61225/01</u>	

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER J0226802-001 (4 PCS)		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 18 FEBRUARY 2011

G.F.I. Q.C. REP.

[Signature]



SAMUEL

LES METAUX SPECIALISES SAMUEL
21525 CLARK-GRAHAM
BAIE D'URÉE, QUEBEC, CANADA
H9X 3T5

(514) 457-3399

FAX (514) 457-9393

No 001410461



PAGE 1 DE/OF 1

TRANSPORTEUR/CARRIER NAME
STERO TRANSPORT

CAMION/TRUCK
099

NOM DE LA BRANCHE/SALES BRANCH NAME
LES METAUX SPECIALISES SAMUEL

DATE D'EXPÉDITION/DATE OF SHIPMENT
6/26/09

VENDU À/SOLD TO:

GFI DIVISION OF THOMAS & BETTS, LIMITED
180 AVENUE LABROSSE
POINTE CLAIRE
POINTE-CLAIRE
QC
H9R1A1 (514) 630-4877

EXPÉDIÉ À/SHIP TO: TÀB: DEST

G.F.I. INC
180 AVENUE LABROSSE
POINTE-CLAIRE
QC
H9R1A1 CA (210678-00001)

N° COMMANDE
N° ITEM
157072-01

DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT

#Comm du client: 0075679

Cert/Test: TRUCK

1 MCX FEUILLES ALUMINIUM 6061 O
.0500"x48"x144"

AS05148144PM 35 LVR

Description	Art	Pd ca	Qté	#Étiq	Vendeur
#Étiq mln	#À soul			Étiq princ	#Coul
	1	48.000	35	4379225	ALR
623927				D332323	564405
Total:	1	48.000	35		

Poids total:

35 LVR

#Total paquets:

1

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ

LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ
CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX
SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS
RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

Signature



29/06/09

MATÉRIEL REÇU NE SERA ACCEPTÉ
APRÈS VÉRIFICATION DE DIMENSIONS.
FAISSEUR, POIDS ET CONDITIONS

SIGNATURE *Signature* DATE 26 June 09

NIR: R-539477-1

PRÉPAYÉ PAR ☒ PORT PAYÉ/REPAID ☐ PORT DÙ COLLECT ☐
CHARGES
EXPÉDITEUR/DISPATCHER

INST. VOITURIER/DRIVER INSTRUCTIONS
VOITURIER/DRIVER

VALEUR (\$2.00/b max à moins d'avis contraire)
VALUATION (Max \$2.00/b unless otherwise stated)
VALUER DÉCLARÉE DE L'EXPÉDITION
DECLARED VALUE OF SHIPMENT
REÇU PAR/RECEIVED BY

Alcoa Inc.

Ship From: RIVERDALE, IA.

Mark J. Kravitz

Kenton P. Young

903584

1

Ship Date

B.L. No.

Invoice No.

Alcoa No.	Item
-----------	------

2008-03-29

2856773

00000

5043842-2

P.O. No./Govt Contract No.

Customer


Mfg Order

N20720

SAMUEL SON & CO LT DCE-43842-2

Page 3

[illegible]

ITEM DESCRIPTION
0.05 IN TK (+0.0000 -.0035) X 48.0 IN W (+.125 -
-.125) X 144.0 IN LN (+.15625 -.15625) (N) A/T 6061-
Q FLAT SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED. AMS-QQ-A-
250/11 EXC MRK AMS4025 REV K EXC MRK
ASTMB209 REV 07 EXC MRK CMMPO25 REV Q EXC MRK
CMMPO19 REV D EXC MRK CST1008 REV D
((MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 6000 LB QUAN TOL +0
-30 % CQR 0216075 REV 01 CUST REQ 08-03-
01 *** W/E 08-04-05 *** 

11/2/25

Num	Package Ticket	Lot	Weight	Quantity	UOM	Pc Id/Serl
1	623927	564405	5684	174	PC	

PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ- A-250/11
 PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/11 F ALSO MEETS
 Exception to Spec CMMPO25 ; Revsn: Q Issue: Letter dated 2004-08-24
 Exception to Spec CMMPO19 ; Revsn: D Issue: Letter dated 2006-09-28
 Exception to Spec CSTI008 ; Revsn: D Issue: Letter dated 2006-12-04

ALSO MEETS THE REQUIREMENTS OF QQ-A-250/11F. PROD UCT
 THE REQUIREMENTS OF AMS-QQ-A-250/11.
 from STEGEMANN, JEAN to BLACKIE, B.
 from AHERN, DENNIS T to BLACKIE, BILL
 from AHERN, DENNIS T to BLACKIE, BILL

CQR: 0216075.1 -Specification Limits

Temp	Dir	UTS	TYS	EL4D
0	Long Transv.	KSI	KSI	PCT
		Max 22.0	12.0	
		Min		16
Temp	Dir	UTS	TYS	EL4D
T42	Long Transv.	KSI	KSI	PCT
		Max		
		Min 30.0	14.0	16
Temp	Dir	UTS	TYS	EL4D
T62	Long Transv.	KSI	KSI	PCT
		Max		
		Min 42.0	35.0	10

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet, the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

Mark J. Vrabec

Mark J. Vrabec
Director of Manufacturing Davenport Works

Kenton P. Young

Kenton P. Young
Quality Assurance Manager

903584 0
Ship Date B.L. No. Invoice No. Alcoa No. Item Page 2
2008-03-29 2856773 00000 SC43342-2
P.O. No./Govt Contract No. Customer Mfg. Order
N20720 SAMUEL SON & CO LT DCE-43842-2

CQR: 0216075.1 -Specification Limits (cont.)

Chemical Composition		SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other	
		Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	
		Min	0.40	0.15	0.8	0.04	REMAIN					
Alloy 6061												
Lot: 564405 - Mechanical, Physical, Metallography, Quantometer Results												

Temp	Dir	Test	NO ->	UTS	TYS	EL4D
O	Long Transv.	2		KSI	KSI	PCT
				17.8	8	25.8
				18	7.8	24.8

Temp	Dir	Test	NO ->	UTS	TYS	EL4D
T42	Long Transv.	2		KSI	KSI	PCT
				36.5	18	23.3
				36.6	18.1	21.9

Temp	Dir	Test	NO ->	UTS	TYS	EL4D
T62	Long Transv.	2		KSI	KSI	PCT
				50.8	43.8	13.3
				50.7	43.7	13

Cast Number	Chemical	SI	FE	CU	MN	MG	CR	ZN	TI
H3204064	Actuals	0.65	0.4	0.26	0.05	1.0	0.19	0.03	0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

SAMUEL

LES METAUX SPECIALISES SAMUEL
21525 CLARK-GRAHAM
BAIE D'URFE, QUEBEC, CANADA
H9X 3T5
(514) 457-3399 FAX(514) 457-9393

No 001507119



PAGE 1 DE/OF 1

ANSPORTEUR/CARRIER NAME
SSMQ TRUCK

CAMION/TRUCK 400
NOM DE LA BRANCHE/SALES BRANCH NAME
SAMUEL & FILS & CIE(QUEBEC) L

DATE D'EXPEDITION
10/28/09

VENDU À/SOLD TO:

GFI, DIVISION DE THOMAS & BETTS LTEE
180 LABROSSE

EXPÉDIÉ À/SHIP TO: TÀB: DEST

GFI INC.
180 LABROSSE

POINTE-CLAIRE
QC
H9R1A1

(514) 630-4877

POINTE-CLAIRE
QC
H9R1A1

CA

(201009-00001)

N° COMMANDE
N° ITEM
122418-01

DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT

#Comm du client: 76106
1 PC FEUILLES ALUMINIUM 6061-0
.0500"x48"x144"
AMS-QQA-250-11

Cert/Test: TRUCK
37 LVR

Description	Art	Pd ca	Qté	#Étiq	Vendeur Org
#Étiq mln	#À soul			Étq princ	#Coul
6026690001	1	48.000	37	4685118	AMG AT
Total:	1	48.000	37	D650987 61225/01	

Poids total:

#Total paquets: 1

37 LVR

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ
LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ
CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX
SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS
RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

M. Diamond DATE 28/10/09
MELISSA DIAMOND
ADMINISTRATION



NIR: R-539477-1

PRÉPAYÉ PAR ☒ PORT PAYÉ/PREPAYD ☐ PORT D'UN COLLECT ☐
CHARGES
EXPÉDITEUR/DISPATCHER

INST. VOITURIER/DRIVER INSTRUCTIONS
VOITURIER/DRIVER

VALEUR (\$2,000/b max à moins d'avis contraire)
VALUATION (Max \$2,000/b unless otherwise stated)
VALUEUR DÉCLARÉE DE L'EXPÉDITION
DECLARED VALUE OF SHIPMENT
REÇU PAR/RECEIVED BY



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85362735 01 / 1
 Rev. 0

Seite / page: 1 von / of 2
 Datum / date: 2009 09 15

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, EN/AS 9100, ISO 14001, NADCAP

Auftraggeber / customer: Samuel Specialty Metals (QC) Div. of Sam. & Fils & Cie (Que.) Ltee. 2225 Av. Francis-Hughes CDN-H7S 1N5 LAVAL, QC Warenempfänger / consignee: Samuel Specialty Metals 21525 Clark-Graham CDN-H9X 3T5 BAIE D'URFE QC Endkunde, Bestell-Nr. / Your cust., ord. no.:	Bestell Nr. / order no.: N22259
	Datum / date: 2009 08 31
	Auftragsbest. Nr. / order confirm. no.: 602669
	Datum / date: 2009 09 04
	Lieferschein Nr. / delivery note: 85362735
	Datum / date: 2009 09 15
	Akkreditiv Nr. / letter of credit no.: <i>0670977</i>

Produkt/product Form / form: Sheet Werkstoff / material: 6061 Zustand / temper: O Dim. / dim: [inch]: 0,050x48,00x144,00 Kundenartikel-Nr / customer article no.:	Bedingungen/terms Techn. Lieferbedingungen / techn. spec.: <u>AMS-QQ-A-250/11.08.1997</u> ASTM B 209 - 07 AMS 4025L, 07.2008 Sondervorschrift / special terms: standard grain
---	--

AB-Pos. ord. item	BNr./Lsg./Teilpos Lot/No./Part	Guss Nr. cast no.	Werkstoff material	Kollo. packno.	Gewicht netto weight net	Stk. pcs.
01	61225/01/00	01/0033392/9	6061	6026690001	2431,658 lbs	72

Chemische Zusammensetzung / chemical composition: [%] Gewichtsanteile / weight proportion											
Guss Nr. / cast no.	AMAG designation	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Sonstige Einzel
01/0033392/9	6061										
	spec. min.		0,40		0,15		0,80	0,04			
	spec. max.		0,80	0,70	0,40	0,15	1,20	0,35	0,25	0,15	0,05
	actual	97,42	0,65	0,48	0,22	0,07	0,88	0,17	0,03	0,05	0,01
	Sonstige Summe										
	spec. min.										
	spec. max.	0,15									
	actual	0,03									



Abnahmeprüfzeugnis 3.1 (EN 10204)
Inspection certificate – mill certificate

Nr.: 85362735 01 / 1

Rev. 0

Seite / page: 2 von / of 2

Datum / date: 2009 09 15

Zertifiziert nach / certified to ISO 9001, ISO/TS 16949, ENAS 9100, ISO 14001, NADCAP

Zugversuch / Tensile test									
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.			16		
				spec.max.	22,0	12,0			
61225/01	O	LT	8	Min	16,0	6,5	30		
61225/01	O	LT		Max	16,1	6,8	32		
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.	30,0	14,0	16		
				spec.max.					
61225/01	T42	LT	8	Min	34,1	16,0	22		
61225/01	T42	LT		Max	34,7	16,2	23		
BNr/Los Lot/No.	Zustand temper	Richtung direction	Tests		Rm [ksi]	Rp0.2 [ksi]	A2" [%]		
				spec.min.	42,0	35,0	10		
				spec.max.					
61225/01	T62	LT	8	Min	43,9	38,9	11		
61225/01	T62	LT		Max	44,2	39,2	13		
Sonstige Prüfungen / other Tests									
Biegeversuch / Transverse bend test: OK.									
Maßkontrolle / Dimensional Check: OK.									
Oberfläche / Surface Inspection: OK.									
Bemerkungen / notes									
Zustand / temper T42+T62: Laborgeglüht / Laboratory temper									

Ausgestellt nach Airbus Zulassung Nr. 30272.

Wir bestätigen, dass die gesamte Lieferung unter Einhaltung und soweit oben nicht anders dargelegt aller Forderungen (Spezifikationen, Zeichnungen, Aufträge) hergestellt und geprüft wurde.

Das Qualitätsmanagementsystem erfüllt die Anforderungen der AUK/SA/001-3.

Issued under Airbus Approval No. 30272.

Certified that the whole of the supplies detailed hereon have been manufactured, inspected, tested and unless otherwise stated above conform in all respects to the Specifications, Drawings and Contract. Order relevant thereto. The Quality Management System arrangements in respect of these supplies comply with the requirements of AUK/SA/001-3.

Werkssachverständiger / factory specialist	E-Mail / e-mail
Rendi Herbert	herbert.rendi@amag.at

Herstellerland: Österreich / goods origin: The goods are of Austrian origin.

Maschinell erstellt - Gültig ohne Unterschrift / Automated - valid without being signed.

